

**ENERGY STAR® Digital-to-Analog Converter Boxes (DTAs) Final Specification Comment Summary**  
**January 31, 2007**

This document is intended to summarize comments submitted by stakeholders in response to the Draft Final ENERGY STAR DTA specification, and also includes an EPA response to each comment.

Topic	Comment	EPA Response
<b>EPG Downloads</b>	A stakeholder expressed concern about the absence of an upper level for power usage during downloading of EPG updates and requested further explanation of EPA's rationale behind omitting such a limit.	EPA's intention regarding the EPG requirement is that it will apply to any DTAs that have the capability to auto-power up from Sleep Mode to download system information or private data (PSIP). The requirement effectively ensures that these DTAs have the ability to return to Sleep Mode shortly after an auto-power up event, once the necessary downloads have occurred. PSIP activity is considered On Mode activity and the 8 watt criteria applies.
	A stakeholder requested clarification on what will occur if a DTA does not meet the time limit specified in the ENERGY STAR specification regarding PSIP updates, i.e., it exceeds the 1 watt Sleep Mode requirement for longer than one hour in an eight hour period.	EPA added language to the final specification clarifying that if a DTA exceeds the 1 watt criteria in Sleep Mode for longer than one hour in an eight hour period when scanning for PSIP, the DTA will not be eligible to qualify for ENERGY STAR.
<b>Input Signals for On Mode Testing</b>	A stakeholder clarified that 480i @ 29.97 Hz is a much more common broadcasting format than 480p(60). Further, modifying the remaining inputs to read 720p @ 59.94 Hz and 1080i @ 29.97 Hz would be clearer for stakeholders.	EPA appreciates the clarification and has incorporated these suggestions in the final specification.
<b>User Interface Recommendation</b>	A stakeholder expressed support for EPA's recommendation that DTA manufacturers design products in accordance with the Power Control User Interface Standard — IEEE 1621.	EPA has included this recommendation in the final specification.
<b>Future Specification Revisions</b>	A stakeholder requested that EPA remain open to reevaluating the ENERGY STAR DTA specification, and in particular the efficiency levels, once the market is more developed and more data is available.	It continues to be EPA's intention to monitor the market closely as the February 17, 2009 cut-off date for analog broadcasting nears, and DTAs become more readily available in the U.S. However, EPA realizes that based on product design pipelines and the likely relatively short window for sales in the U.S., developing multiple versions of an ENERGY STAR specification for these products may not be practical.